

Title (en)

Method for detection of performance reduction of exhaust gas purification catalyst

Title (de)

Verfahren zur Feststellung einer Leistungsverminderung eines Katalysators zur Abgasreinigung

Title (fr)

Méthode pour détecter une baisse de performance d'un catalyseur pour la purification de gaz d'échappement

Publication

**EP 0779416 A1 19970618 (EN)**

Application

**EP 96309044 A 19961212**

Priority

JP 32695995 A 19951215

Abstract (en)

A method for detection of the performance reduction of an exhaust gas purification catalyst used for reducing the concentration(s) of combustible components or (and) nitrogen oxides all present in an exhaust gas, which method detects a reduction in the heat amount Eg generated from the exhaust gas by the reaction of the exhaust gas catalyzed by the catalyst, or a reduction in the cumulative heat amount generated from the exhaust gas by said reaction in a predetermined temperature range taken by the catalyst during its temperature increase. This method can detect the performance reduction of the catalyst accurately without conducting constant-speed vehicle running for a long time.

IPC 1-7

**F01N 7/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

JP S6261919 U 19870417

Citation (search report)

- [Y] DE 3710268 A1 19881006 - PHYWE SYSTEME GMBH [DE]
- [Y] EP 0442648 A2 19910821 - LUCAS IND PLC [GB]
- [A] WO 9114855 A1 19911003 - EMITEC EMISSIONSTECHNOLOGIE [DE]

Cited by

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DOCDB simple family (application)

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